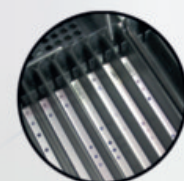
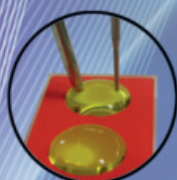


# AP16 IF - AP16 IF BLOT ELITE



16 IFA slides  
Fast automated processor

16 IFA slides and 24 BLOT strips  
Fast automated processor

## Fast - Precise - Accurate IFA and BLOT Processors

**AP16 IF ELITE** is an innovative and fast processor able to run 16 IFA slides, it is equipped with a sliding-sample barcode reader and a camera for slide bar code reading. Reliable and manufactured with the latest technologies, it is able to carry out: sample dilution, sample and reagent dispense, incubation times and slide well washing with accuracy and precision.

**AP16 IF BLOT ELITE** is an innovative and fast automated system for IFA and BLOT methods, it is equipped with a sliding-sample barcode reader and a camera for the slide and Blot-strip bar code reading. The instrument is able to run 16 IFA slides with 12 wells, carry out sample dilution, sample and reagent dispense, incubation times and slide well washing.

Thanks to the Blot Module and camera, it is able to carry out a full automation for Dot/Western Blot, starting from sample dilution and dispense, reagent dispense, incubation, strip washing up to the dot imaging processing and assessment for each strip; the software is also able to store and record the data and issue patient report.



ITALY

APPLIED INNOVATION

UNI EN ISO 9001 - UNI EN ISO 13485 CERTIFIED COMPANY

# APIG IF - APIG IF BLOT

## ELITE

### TECHNICAL FEATURES

<b>Built-in barcode reader</b>	for samples, controls and reagents; barcode reader for slides (optional)
<b>Average throughput</b>	192 wells in a run with incubation times of 30 + 30 minutes
<b>Sample trays</b>	180 sample tubes Ø 13 mm or 135 sample tubes Ø 16 mm; combination of them can be used in the same run
<b>Supplied trays</b>	264 positions for dilution cups; 16 positions for IFA slides; 20 controls; 8 conjugates (7 in case of Blue Evans dye) and 1 cleaning solution for the probe; 2 diluents for samples
<b>External liquid tanks</b>	2 washing buffers for slides, Wash and Waste tanks, all equipped with level sensors
<b>Slide washing</b>	wells are washed one by one to avoid carry-over
<b>Washing modes</b>	multi-well, continuous flow or drop by drop for specific washing effectiveness
<b>Liquid handling</b>	2 probes: one to dispense and dilute, the second to aspirate from wells
<b>Sample dilution time</b>	20s with 2ml of washing solution
<b>Sample dispense time</b>	11s with 2 ml of washing solution
<b>Dispense</b>	CV <0.1%, inaccuracy 1% at 100 µl
<b>Aspiration</b>	CV <0.3%, inaccuracy 1% at 100 µl; minimum volume 5 µl, 1 µl resolution
<b>Syringe</b>	1000 µl volume, 1 µl resolution
<b>Operating Functions</b>	Management of 10 methods in the same run. Definition of incubation times and volume for sample and reagents dispense. Different incubation times for each method. Easy and fast settings for new protocols.
<b>Connection</b>	LIS interface capability, work list import from Host Computer; a single PC can run more instruments at the same time
<b>PC specifications</b>	Intel I5 processor; 4 GB RAM; VGA 1024 x 768; HD with 100 GB free space; CD-ROM reader; USB 2.0 port; RS232 Serial Port
<b>Operating system</b>	Windows 7 or Windows 10
<b>Power requirements</b>	230 or 115 V AC, 50 - 60 Hz, 450VA
<b>Measurements</b>	62 x 82 x h 72 cm
<b>Weight</b>	75 Kg

### CARATTERISTICHE TECNICHE

<b>Lettore codici a barre</b>	integrato per campioni, controlli e reagenti; lettore codici a barre dei vetrini (opzionale)
<b>Capacità di processo</b>	in media 192 pozzetti per sessioni con tempi di incubazione di 30 + 30 minuti
<b>Capacità campioni</b>	180 tubi campioni Ø13 mm o 135 da Ø16 mm che possono essere usati in combinazione
<b>Vassoi forniti</b>	264 posizioni per le diluizioni; 16 vetrini IFA; 20 controlli; 8 coniugati (7 in caso di Blu di Evans) e 1 soluzione di lavaggio ago; 2 diluenti campione
<b>Contenitori liquidi</b>	2 taniche con buffer di lavaggio, tanica Wash e tanica Waste, tutte dotate di sensore di livello
<b>Lavaggio vetrini</b>	i pozzetti vengono lavati singolarmente per evitare contaminazione
<b>Modalità di lavaggio</b>	multi pozzetto, flusso continuo o goccia a goccia per una efficacia di lavaggio specifica
<b>Gestione liquidi</b>	2 aghi: uno per dispensare e diluire, il secondo per aspirare dai pozzetti
<b>Tempo diluizione</b>	20s per campione con 2 ml di lavaggio
<b>Tempo dispensazione</b>	11s per campione con 2 ml di lavaggio
<b>Dispensazione</b>	CV <0.1%, inaccuracy 1% a 100 µl
<b>Aspirazione</b>	CV <0.3%, inaccuracy 1% a 100 µl; volume minimo 5 µl, risoluzione 1 µl
<b>Siringa</b>	volume 1000 µl, risoluzione 1 µl
<b>Funzioni operative</b>	Gestione di 10 metodiche simultaneamente. Definizione tempi di incubazione e volume da dispensare per campioni e reagenti. Tempi diversi di incubazione per ciascuna metodica. Creazione rapida di nuovi protocolli.
<b>Connessioni</b>	interfacciamento LIS, importazione lista di lavoro da Host Computer; un singolo PC può pilotare più strumenti in parallelo
<b>Specifiche PC</b>	Intel I5 processor; 4 GB RAM; VGA 1024 x 768; HD with 100 GB free space; CD-ROM reader; USB 2.0 port; RS232 Serial Port
<b>Sistema operativo</b>	Windows 7 o Windows 10
<b>Alimentazione</b>	230 o 115 V AC, 50 - 60 Hz, 450VA
<b>Dimensioni</b>	62 x 82 x h 72 cm
<b>Peso</b>	75 Kg

THE SHOWN FEATURES COULD BE ALTERED WITHOUT NOTICE

LE CARATTERISTICHE SOPRA INDICATE POSSONO ESSERE VARIATE SENZA PREAVVISO

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